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DNA Polymerase gamma Rabbit mAb

货号: **AYM29922**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	139kDa
实测分子量	140kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293F,Jurkat,Mouse placenta,Rat testis
细胞定位	Mitochondrion,Mitochondrion matrix,mitochondrion nucleoid
纯化	Affinity purification

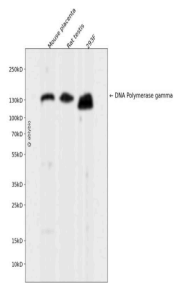
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human DNA Polymerase gamma.
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靶点信息

研究背景	Mitochondrial DNA polymerase is heterotrimeric, consisting of a homodimer of accessory subunits plus a catalytic subunit. The protein encoded by this gene is the catalytic subunit of mitochondrial DNA polymerase. The encoded protein contains a polyglutamine tract near its N-terminus that may be polymorphic. Defects in this gene are a cause of progressive external ophthalmoplegia with mitochondrial DNA deletions 1 (PEOA1), sensory ataxic neuropathy dysarthria and ophthalmoparesis (SANDO), Alpers-Huttenlocher syndrome (AHS), and mitochondrial neurogastrointestinal encephalopathy syndrome (MNGIE). Two transcript variants encoding the same protein have been found for this gene.
基因ID	5428
基因名	POLG
Swiss	P54098 (https://www.uniprot.org/uniprotkb/P54098/entry)
别名	DNA Polymerase gamma,DNA Polymerase gamma Rabbit mAb,POLG,3'-5' exodeoxyribonuclease,5'-deoxyribose-phosphate lyase,Mitochondrial DNA polymerase catalytic subunit,PolG-alpha,MDP1,POLG1,POLGA

产品验证



Western blot analysis of DNA Polymerase gamma expressed in Mouse placenta, Rat testis, 293F using DNA Polymerase gamma Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:500. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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